

ABSTRACT OF THE INVENTION

5 METHOD AND SYSTEM FOR SIMULTANEOUS MANAGEMENT OF
MULTIPLE TOKENS ON A COMMUNICATION RING

A method, an apparatus and computer readable medium for simultaneous communication over a bus in a master/slave agent network topology. Each communication agent on the network is either a master agent or slave agent with an input and an output. In one embodiment, the input and the output are latches. The method permits the number of tokens on the ring to be equal to up to one less than the total number of agents on the ring.

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